

FIG. 1
(PRIOR ART)

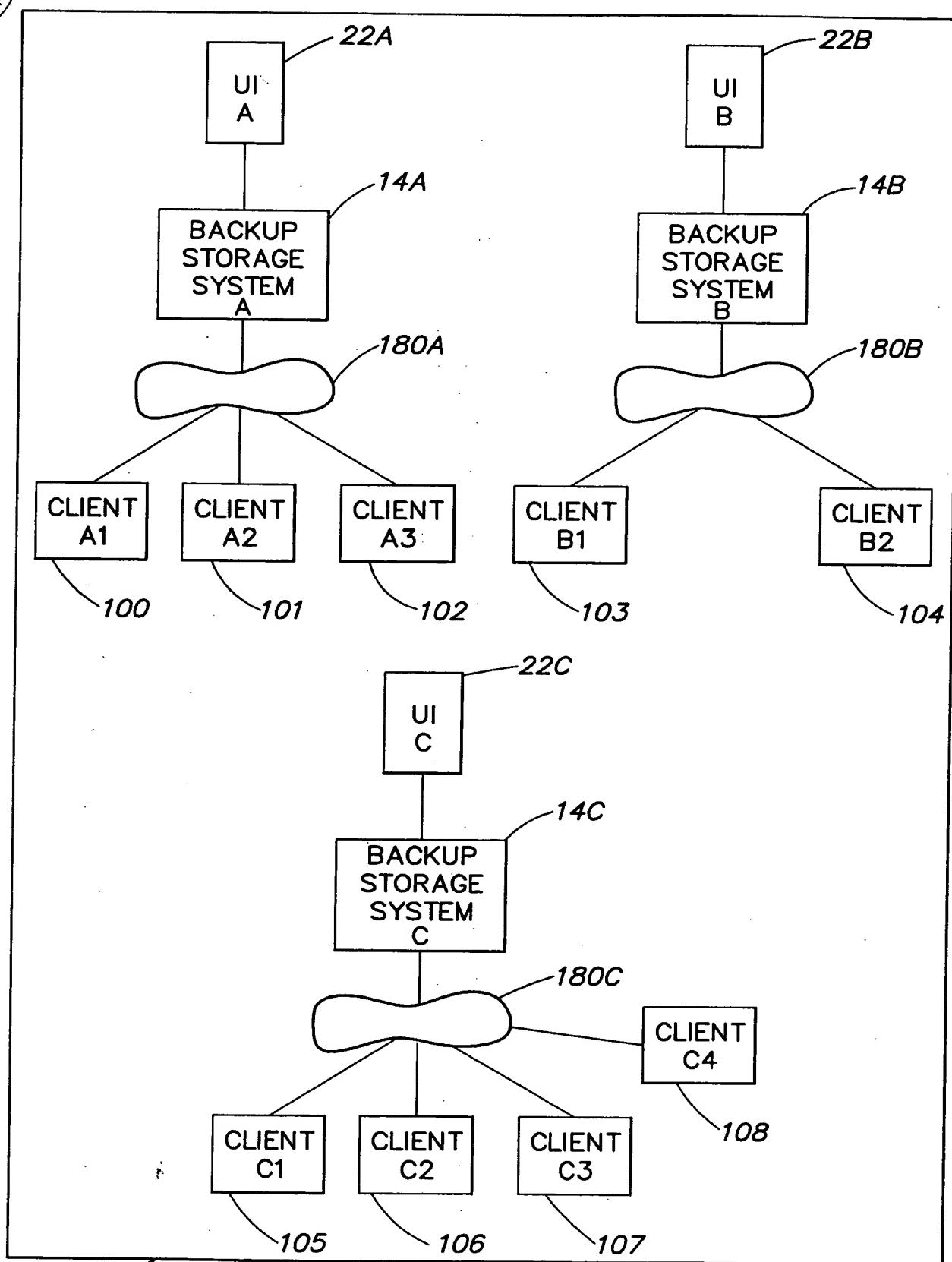


FIG. 2
(PRIOR ART)



REPLACEMENT SHEETS
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FOR PROCESSING OUT OF BAND COMMANDS
Phillips et al.
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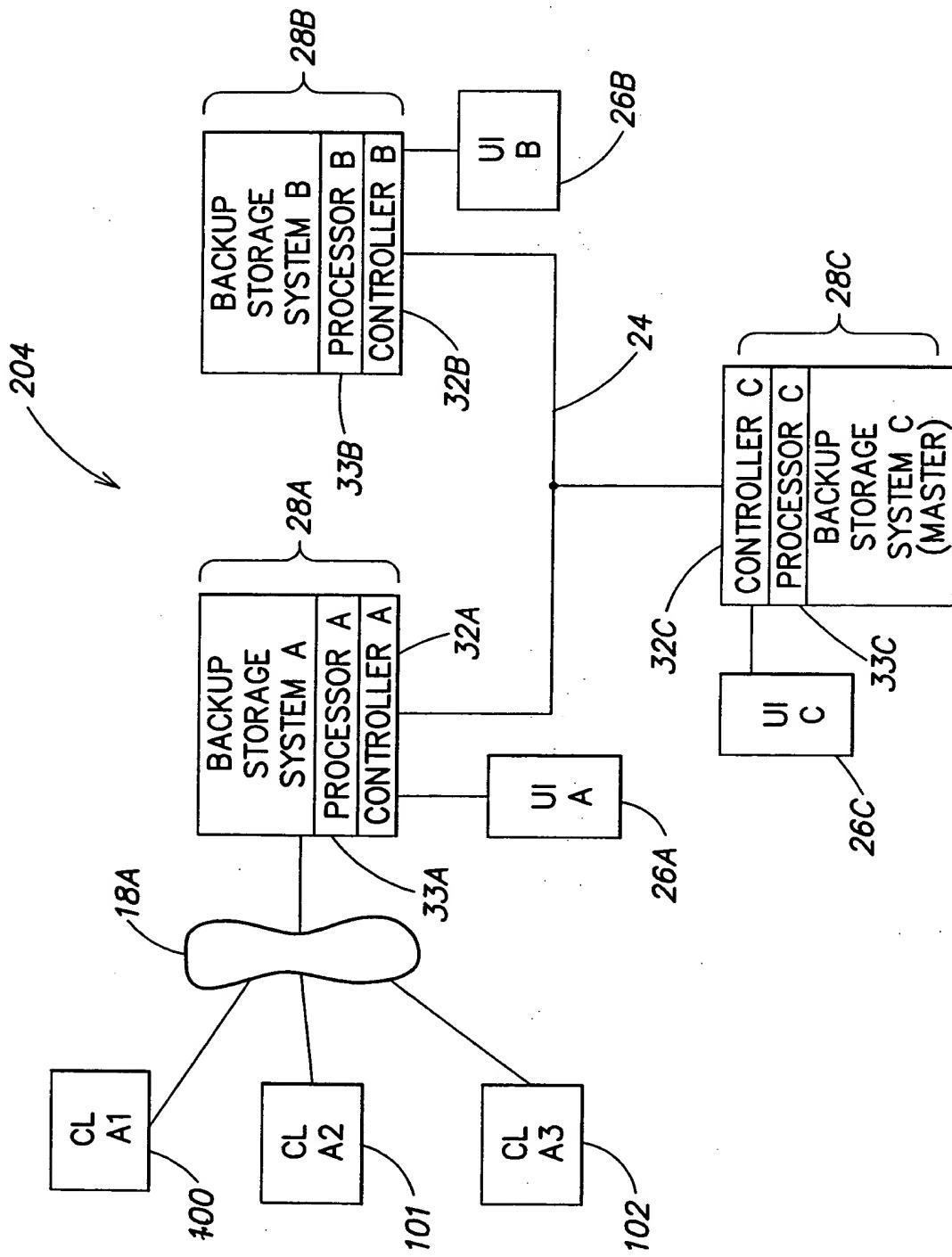


FIG. 3

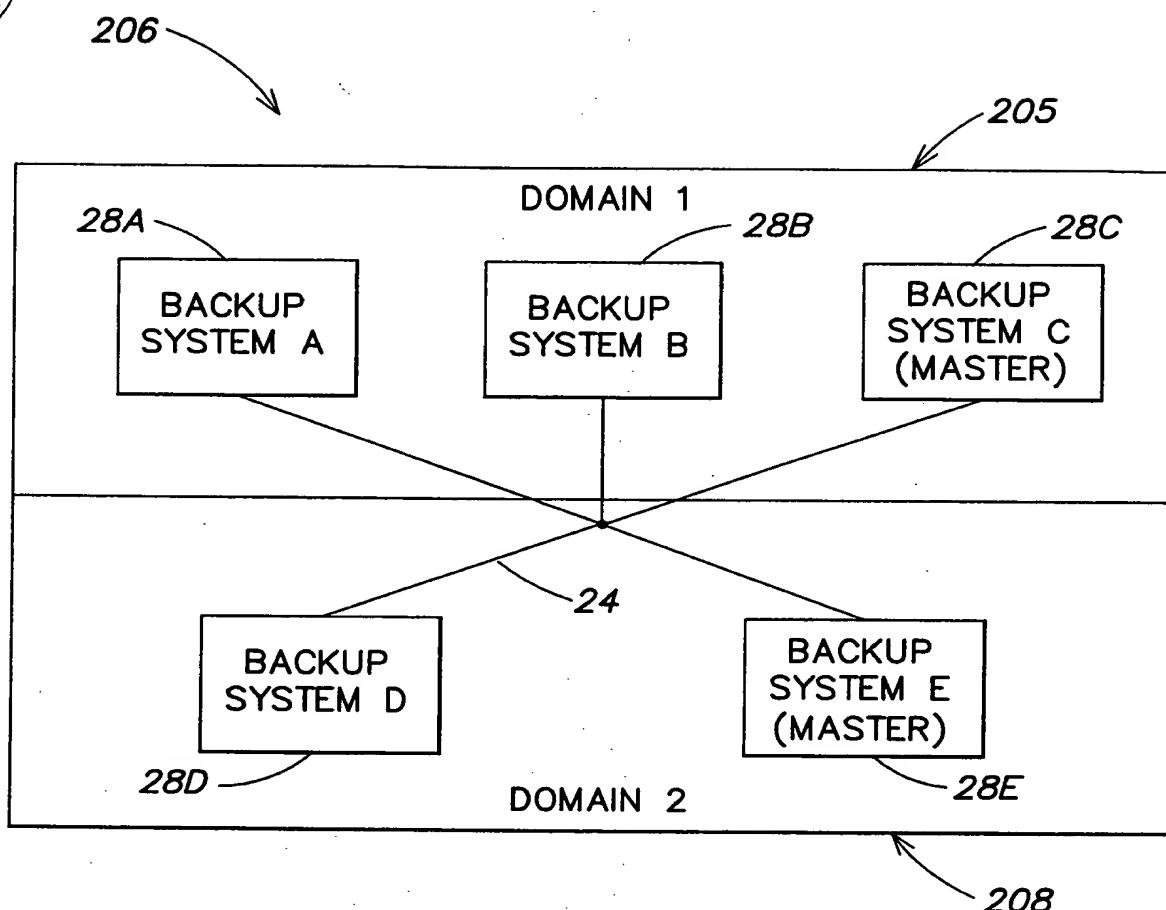


FIG. 4



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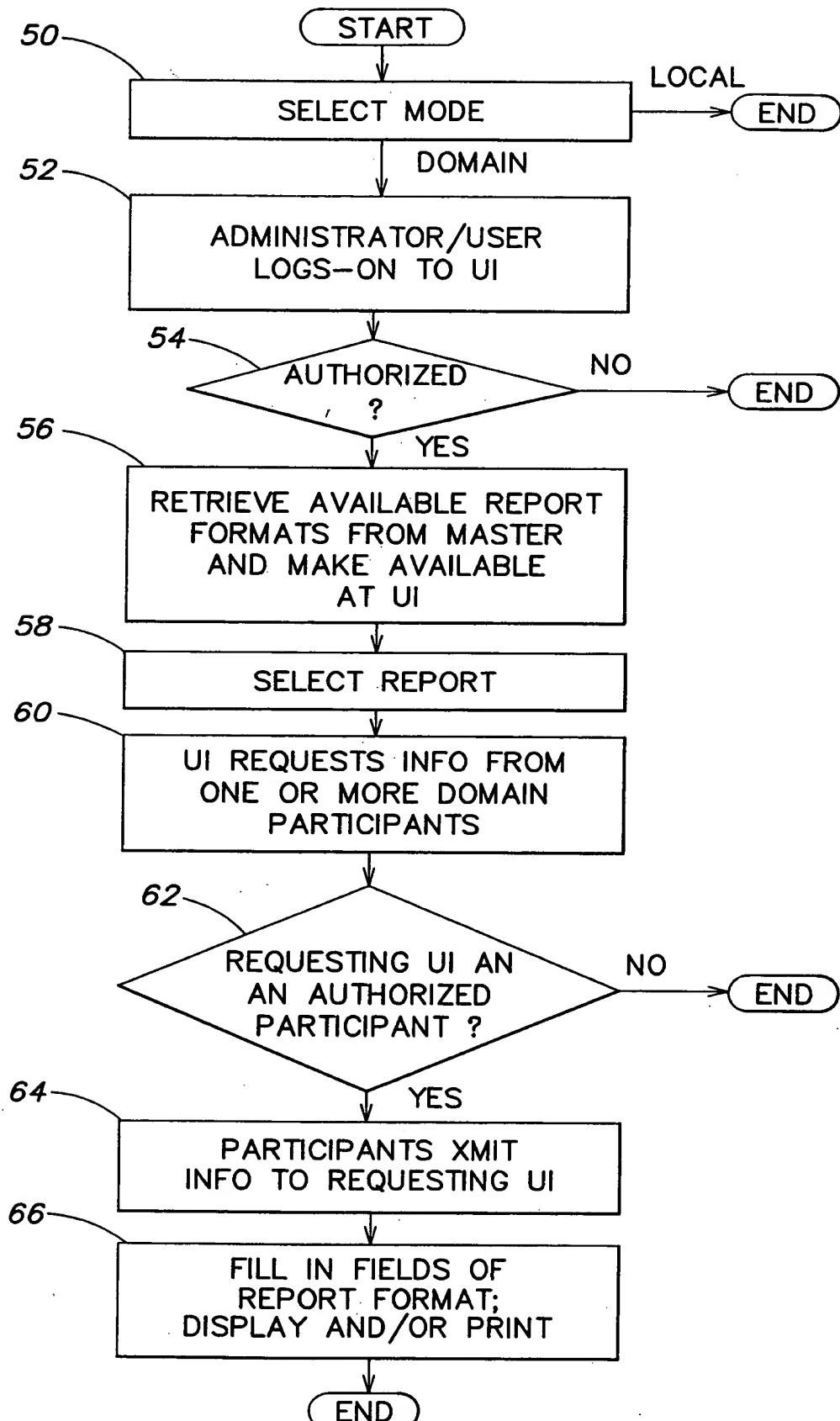
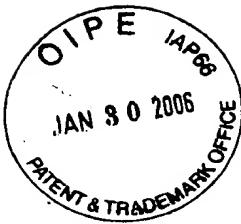


FIG. 5



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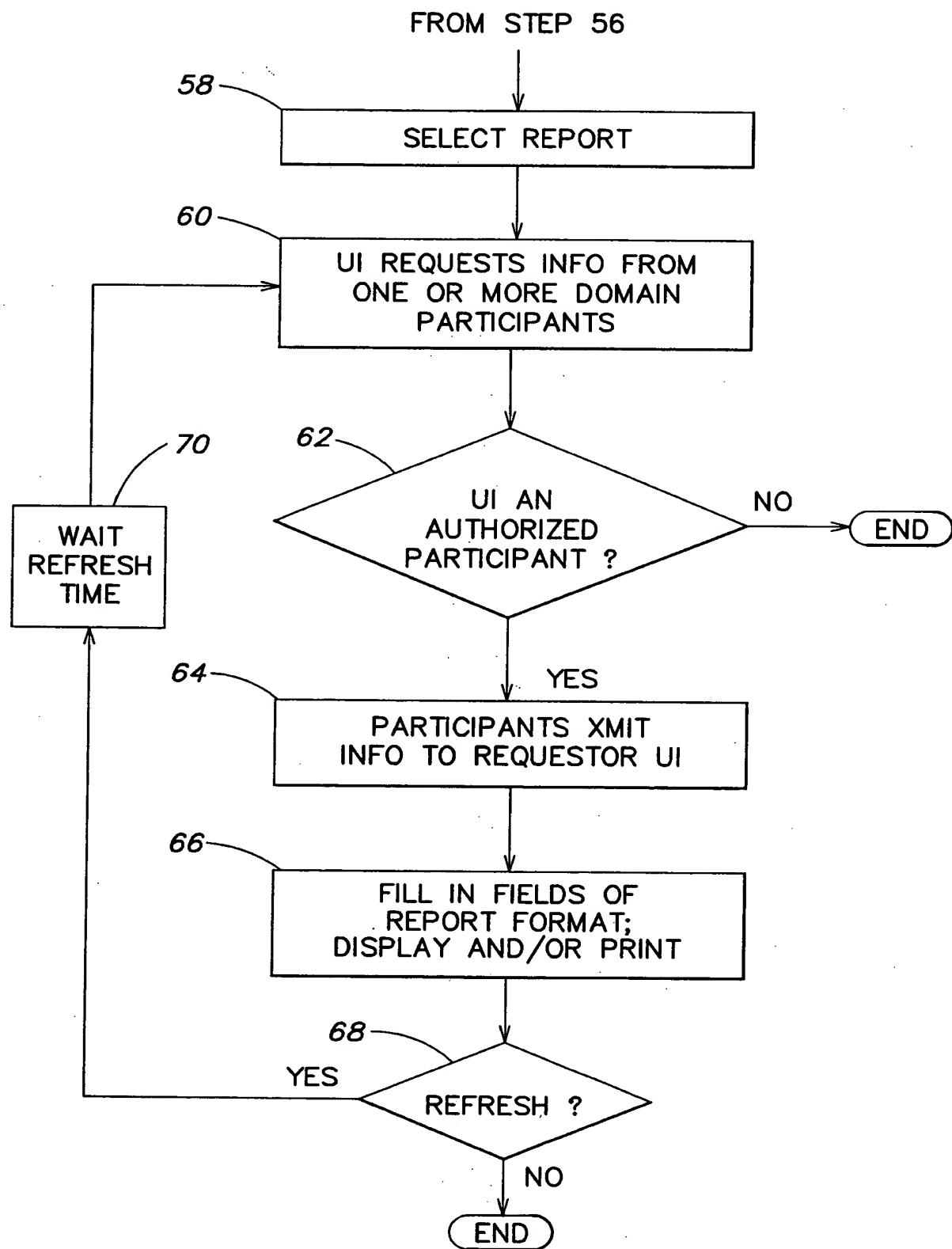


FIG. 6



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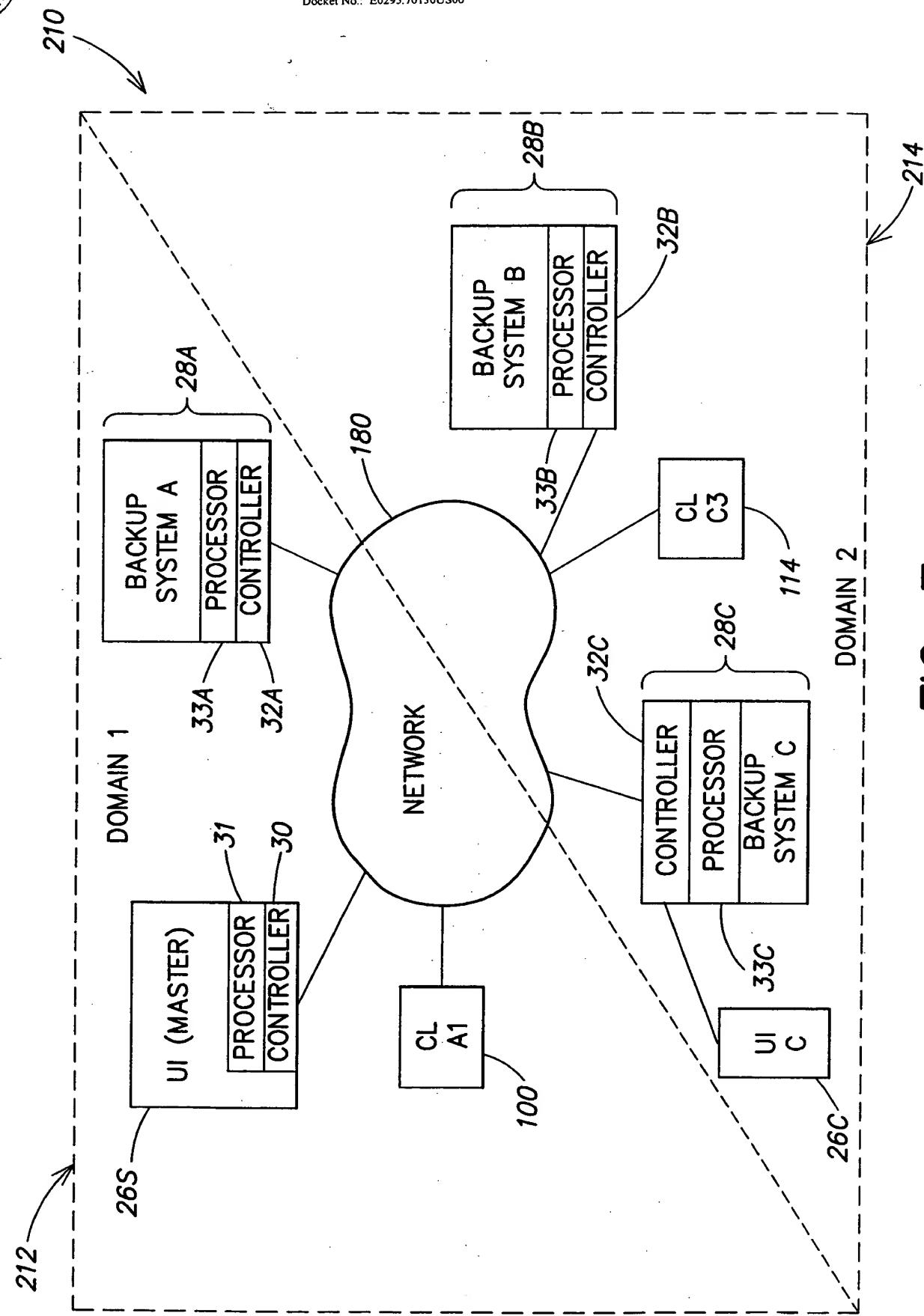
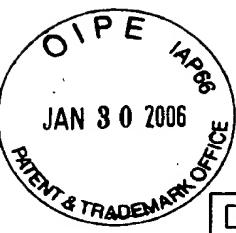


FIG. 7



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FIG. 8



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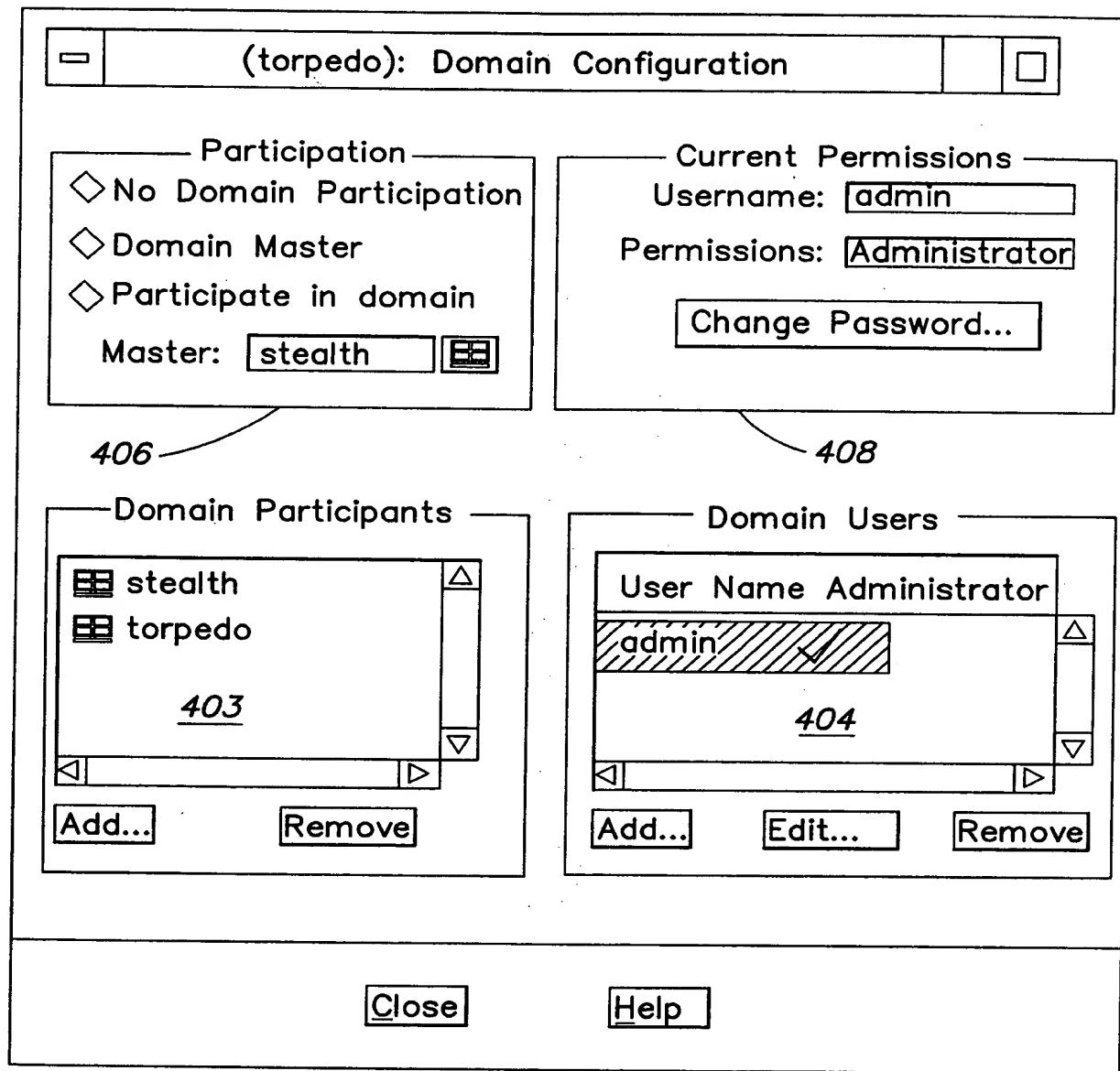
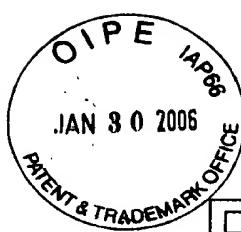


FIG. 9



(torpedo): Backup Report

File Edit Domain Options Help ?

Domain Reports (stealth)

Report Run Time: Monday November 01 1999, 11:20

Server	Work Item	Level	Start Time	Start date	Running Time	End Time	End Date
stealth	/	0	13:50:56	10/27/99	00:02:32	13:53:28	10/27/99
stealth	/en/home	9	13:51:25	10/27/99	00:02:32	13:53:57	10/27/99
stealth	/peter/foofie	9	18:00:12	10/27/99	02:43:11	20:43:23	10/27/99
stealth	/data1	9	13:46:22	10/28/99	00:03:37	13:46:59	10/28/99
stealth	/data	9	16:46:39	10/28/99	00:04:46	16:47:25	10/28/99
stealth	/data	0	14:35:02	10/29/99	00:00:02	14:35:04	10/29/99
stealth	/pilgrim:	9	16:23:53	10/29/99	00:00:47	16:24:40	10/29/99
stealth	/pilgrim:	9	18:00:24	10/31/99	00:02:13	18:02:37	10/31/99
stealth	/jeff/oracle/pem734_k	0	18:00:24	10/31/99	00:00:03	18:00:27	10/31/99
torpedo	/torpedo.wes_low	0	13:21:21	10/01/99	00:04:46	13:26:07	10/01/99
torpedo	/torpedo_wes	0	13:26:30	10/01/99	01:01:45	14:28:15	10/01/99

310 Advanced

306 Basic

Columns Auto-Report

Backup Type Number of Files Performance

All Backup Types Total Files: 0 ≤ ≥ Running Time: 0 ≤ ≥ Hours

Specific Backup Type Bad Files: 0 ≤ ≥ Throughput: 0 ≤ ≥ GB/H

Symmetrix Connect Backup Level: 9 342 344

300

FIG. 10



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(torpedo): Backup Report

File Edit Domain Options Help

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Report Run Time: Monday November 01 1999, 11:20

Server	Work Item	Level	Start Time	Running Time	End Time	End Date
stealth	list stealth: /	0	13:50:56	00:02:32	13:53:28	10/27/99
stealth	list stealth: /op_	9	13:51:25	10:27/99	00:02:32	15:53:57
stealth	list stealth: /petab/soofie	9	18:00:12	10/27/99	02:43:11	10/27/99
stealth	list stealth: /data1	9	13:46:22	10/28/99	00:00:37	13:46:59
stealth	list stealth: /data	9	16:46:39	10/28/99	00:00:46	16:47:25
stealth	list pigim: /data	0	14:35:02	10/29/99	00:00:02	14:35:04
stealth	list pigim: /	9	16:23:53	10/29/99	00:00:47	16:24:40
stealth	list stealth: /op_just	9	18:00:24	10/31/99	00:02:13	18:02:37
stealth	list jeff_order.pen734jk	0	18:00:24	10/31/99	00:00:03	18:00:27
torpedo	list torpedo: wes_00w	0	13:21:21	10/01/99	00:04:46	13:26:07
torpedo	list torpedo: wes_00s	0	13:26:30	10/01/99	01:01:45	14:28:15

306

33 Work Items 13:21:21 10/01/99 04:23:56 18:02:37 10/31/99 6

Columns Auto-Report 312

Available Columns: Basic Advanced

Sort By Column: server ↓

346

Sort By Column: server ↓

Displayed Columns: □ Server □ Work Item □ Level □ Start Time □ Running Time □ End Time

Move Up □ Move Down

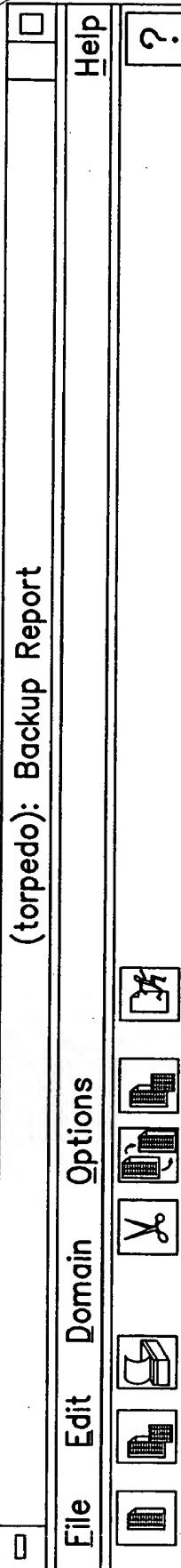
Bad Files □ Add>> □ <<Remove

Client □ Type

FIG. 11



(torpedo): Backup Report



Domain Reports (stealth)

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Report Run Time:		Monday November 01 1999, 11:20					
Server	Work Item	Level	Start Time	Start date	Running Time	End Time	End Date
torpedo	[[torpedo.wes.java]]	0	13:21:21	10/01/99	00:04:46	13:26:07	10/01/99
torpedo	[[torpedo.wes]]	0	13:26:30	10/01/99	01:10:45	14:28:15	10/01/99
torpedo	[[abductd-ntr.jeff]]	0	10:26:35	10/26/99	00:00:12	10:26:47	10/26/99
torpedo	[[abductd-ntr.registry]]	0	10:26:35	10/26/99	00:01:12	10:27:47	10/26/99
torpedo	[[abductd-ntr.wes_test]]	0	10:27:52	10/26/99	00:02:01	10:29:53	10/26/99
torpedo	[[abductd-ntr.C/]]	0	10:30:03	10/26/99	00:25:38	10:55:41	10/26/99
torpedo	[[torpedo.C/]]	0	11:33:27	10/29/99	00:00:47	16:24:40	10/29/99
torpedo	[[torpedo.DATABASE]]	0	13:54:51	10/29/99	N/A	N/A	N/A
torpedo	[[torpedo.ep_usr]]	9	13:54:58	10/29/99	N/A	N/A	N/A
torpedo	[[torpedo.ep_home]]	9	13:55:01	10/29/99	N/A	N/A	N/A
torpedo	[[torpedo.wes_test]]	9	13:55:04	10/29/99	N/A	N/A	N/A

306

20

Work

13
port

Work Items 13:21:21 10/01/99 04:23:56 18:02:37 10/31/99 6
Auto-Benort 311

Days	Time	Printer	Email	File	CSV
daily	07:00		<input type="checkbox"/> jsp	<input checked="" type="checkbox"/> edmtoday[.timestamp]	
on dates: 1, monthly	07:00		<input type="checkbox"/> root	<input checked="" type="checkbox"/> monthly_report[.timestamp]	

ADD... **Remove** **Edit...**

FIG. 12



(torpedo): Auto-Report - "Most Recent Backups"

Days

Daily Include Weekends

Weekly

Sunday Thursday
 Monday Friday
 Tuesday Saturday
 Wednesday

Monthly by Day

1st Monday

Monthly by Date

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Time

Time: 7:00 (Clock icon)

Send Results To:

Printer:

Email: root

File: monthly report

Add Timestamp to Filename

Results Format

Column Comma Separated Values (CSV)

OK Cancel Help

FIG. 13



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FIG. 14